

WHAT IS CLAIMED IS:

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1. A photoelectric converter comprising a light receiving portion, a gate portion, and a charge transfer portion, wherein the gate width of said gate portion is wider at said light receiving portion than at said charge transfer portion.

2. The photoelectric converter according to claim 1, wherein said gate width is narrower from said light receiving portion toward said ^{charge} transfer portion straightly, curvedly, or gradually.

3. The photoelectric converter according to claim 1, wherein said gate portion comprises a first gate portion the gate width of which is narrower from said light receiving portion toward said transfer portion, and a second gate portion provided with an identical gate width from said first gate portion further toward said charge transfer portion.

4. The photoelectric converter according to claim 1, wherein said photoelectric converter is constructed as an imaging apparatus in which said light receiving portion has pixels and said charge transfer portion comprises charge coupled devices.

5. The photoelectric converter according to claim 1, wherein said light receiving portion comprises

photodiodes.

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